LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022422\
Data File : BF127061.D
Acq On : 24 Feb 2022 17:05
Operator : CG\JU
Sample : N1650-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127061.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.393	524	528	532	rVB	30705	27974	1.32%	0.183%
2	5.499	542	546	547	rBV	95559	82968	3.90%	0.543%
3	5.528	547	551	554	rVB	2042623	1780137	83.70%	11.646%
4	5.757	586	590	594	rVB	46686	46449	2.18%	0.304%
5	6.428	701	704	707	rBV	49314	42523	2.00%	0.278%
6	6.534	718	722	725	rBV	1946094	1798154	84.55%	11.764%
7	6.728	751	755	758	rBV	132847	107447	5.05%	0.703%
8	6.904	781	785	788	rBV	644944	472693	22.23%	3.092%
9	6.957	791	794	799	rBV	51086	41701	1.96%	0.273%
10	7.216	836	838	845	rVB3	26652	36993	1.74%	0.242%
11	7.298	845	852	861	rBV7	15744	39617	1.86%	0.259%
12	7.434	869	875	876	rBV2	25864	26324	1.24%	0.172%
13	7.469	876	881	883	rVV	1484368	1309694	61.58%	8.568%
14	7.487	883	884	889	rVB	74272	57257	2.69%	0.375%
15	7.693	917	919	927	rVB4	19292	29151	1.37%	0.191%
16	8.081	982	985	992	rBV	45623	51263	2.41%	0.335%
17	8.157	995	998	1000	rVV	43930	37100	1.74%	0.243%
18	8.187	1000	1003	1006	rVV	755325	616380	28.98%	4.032%
19	8.210	1006	1007	1009	rVB	60086	28761	1.35%	0.188%
20	8.751	1095	1099	1107	rVB	188949	177133	8.33%	1.159%
21	9.263	1181	1186	1189	rBV	2720225	2126773	100.00%	13.914%
22	9.757	1265	1270	1275	rBV7	16433	31417	1.48%	0.206%
23	9.945	1294	1302	1306	rBV	786053	624649	29.37%	4.087%
24	10.586	1405	1411	1413	rBV4	24785	33644	1.58%	0.220%
25	10.739	1432	1437	1440	rBV	1354156	1207142	56.76%	7.897%
26	10.839	1452	1454	1459	rVB	44795	43072	2.03%	0.282%
27	11.381	1542	1546	1549	rVB2	33129	26572	1.25%	0.174%
28	11.439	1552	1556	1558	rBV	588344	513716	24.15%	3.361%
29	11.463	1558	1560	1563	rVB	161954	127172	5.98%	0.832%
30	11.951	1638	1643	1648	rBV3	174137	194184	9.13%	1.270%
31	12.051	1657	1660	1662	rBV2	43710	44333	2.08%	0.290%
32	12.380	1713	1716	1718	rBV	40768	32920	1.55%	0.215%
33	12.486	1732	1734	1737	rBV2	25726	27658	1.30%	0.181%
34	12.627	1754	1758	1759	rBV3	27810	29852	1.40%	0.195%
35	12.651	1759	1762	1767	rVV	238868	212501	9.99%	1.390%
36	12.739	1775	1777	1781	rBV3	47415	43419	2.04%	0.284%

LSC Area Percent Report

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Data File : BF127061.D
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Operator : CG\JU
Sample : N1650-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.880	1795	1801	1805	rBV	207237	235552	11.08%	1.541%
38	13.022	1821	1825	1829	rVB	1536068	1381610	64.96%	9.039%
39	13.204	1850	1856	1859	rVB	32934	52675	2.48%	0.345%
40	13.310	1872	1874	1878	rVB2	32490	33111	1.56%	0.217%
41	13.716	1941	1943	1947	rVB	29388	28515	1.34%	0.187%
42	13.945	1979	1982	1989	rVB4	66571	115776	5.44%	0.757%
43	14.051	1997	2000	2002	rBV	182636	149930	7.05%	0.981%
44	14.086	2002	2006	2008	rVV2	449884	494466	23.25%	3.235%
45	14.110	2008	2010	2015	rVB	109467	98941	4.65%	0.647%
46	15.139	2182	2185	2188	rBV	102520	141422	6.65%	0.925%
47	15.521	2247	2250	2255	rVB	69613	89363	4.20%	0.585%
48	15.586	2257	2261	2266	rBV2	261264	335431	15.77%	2.194%

Sum of corrected areas: 15285535

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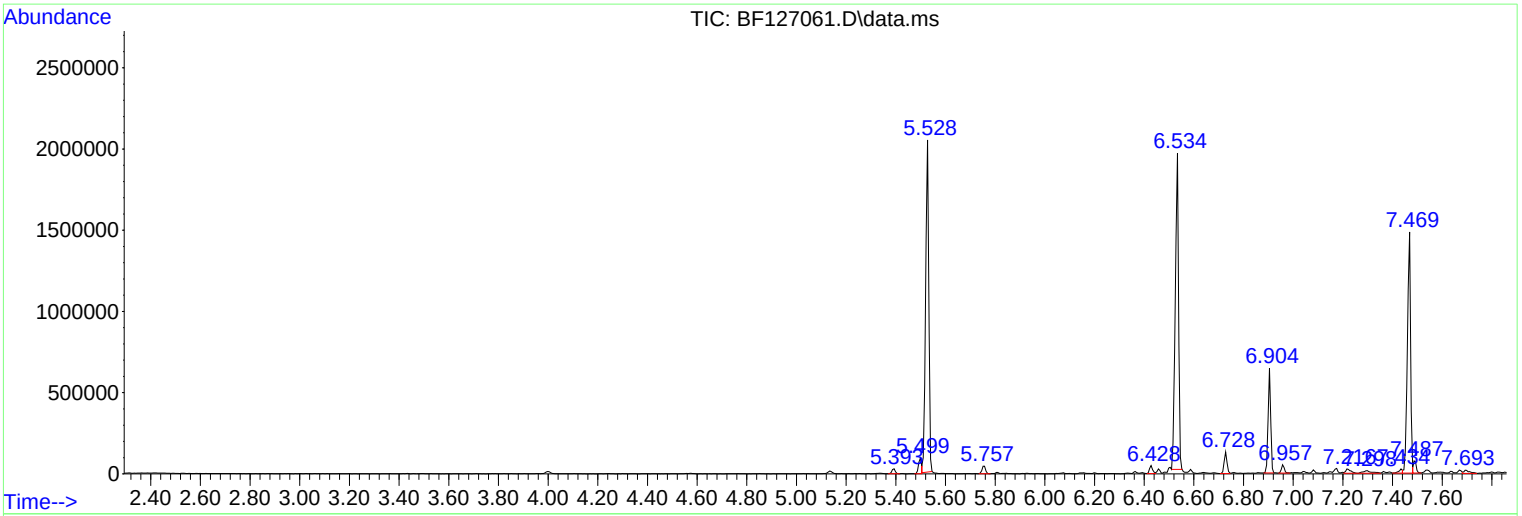
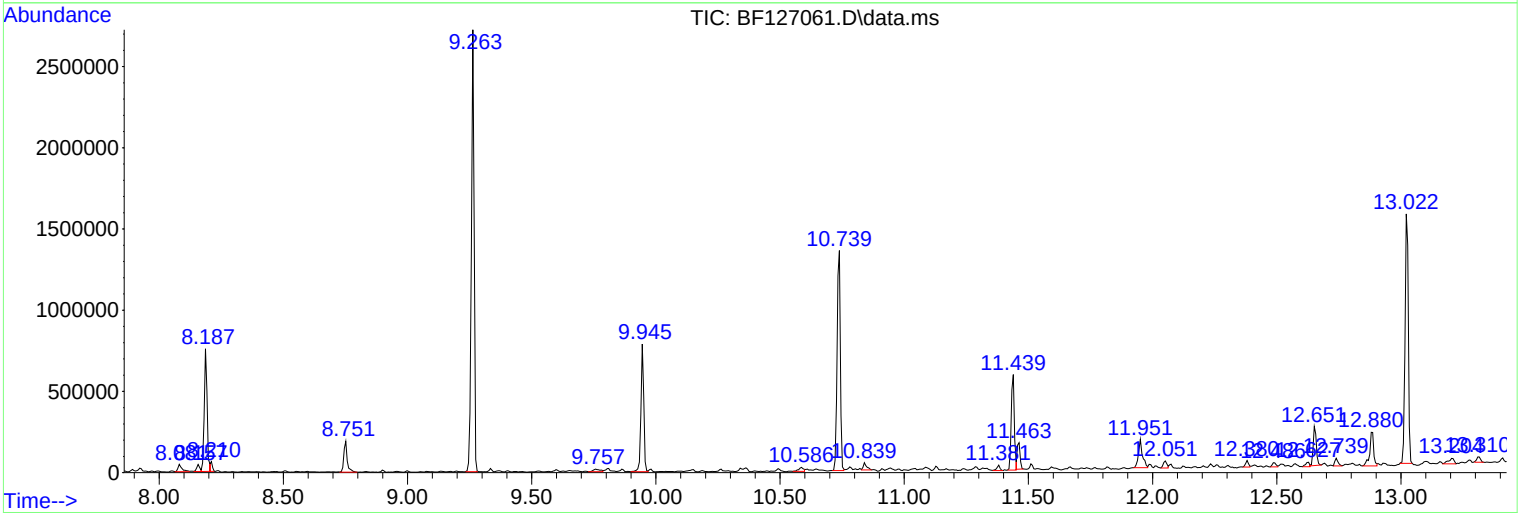
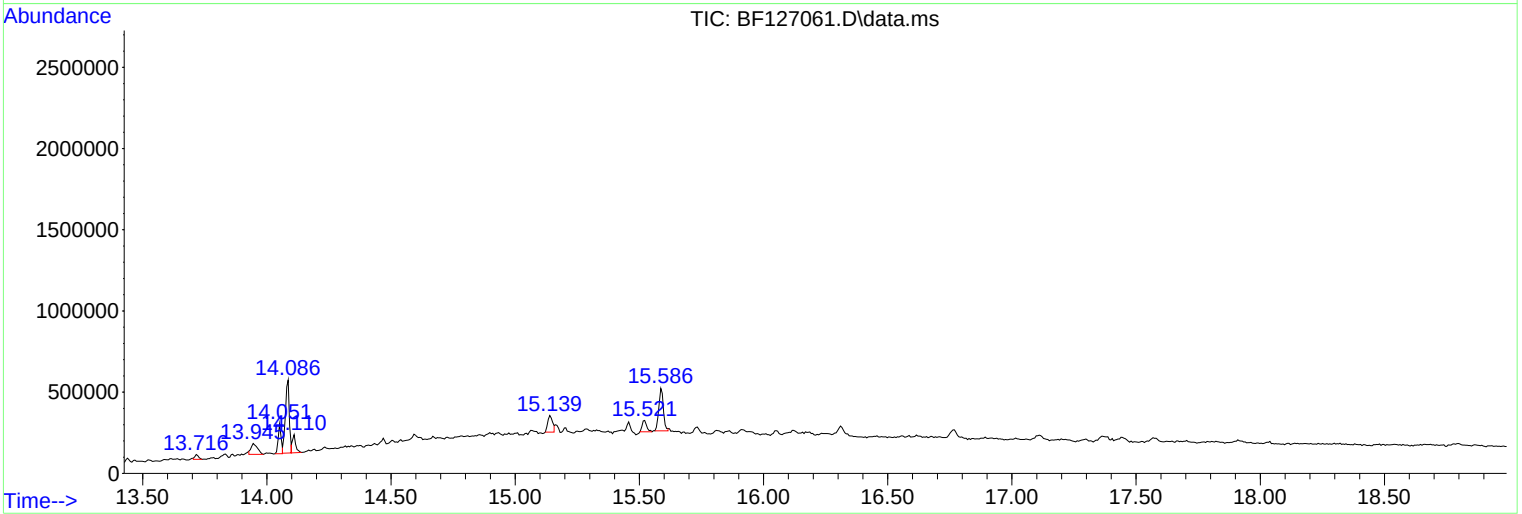
Instrument :
BNA_F
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Data File : BF127061.D
Acq On : 24 Feb 2022 17:05
Operator : CG\JU
Sample : N1650-03
Misc :
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Instrument :
BNA_F
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)

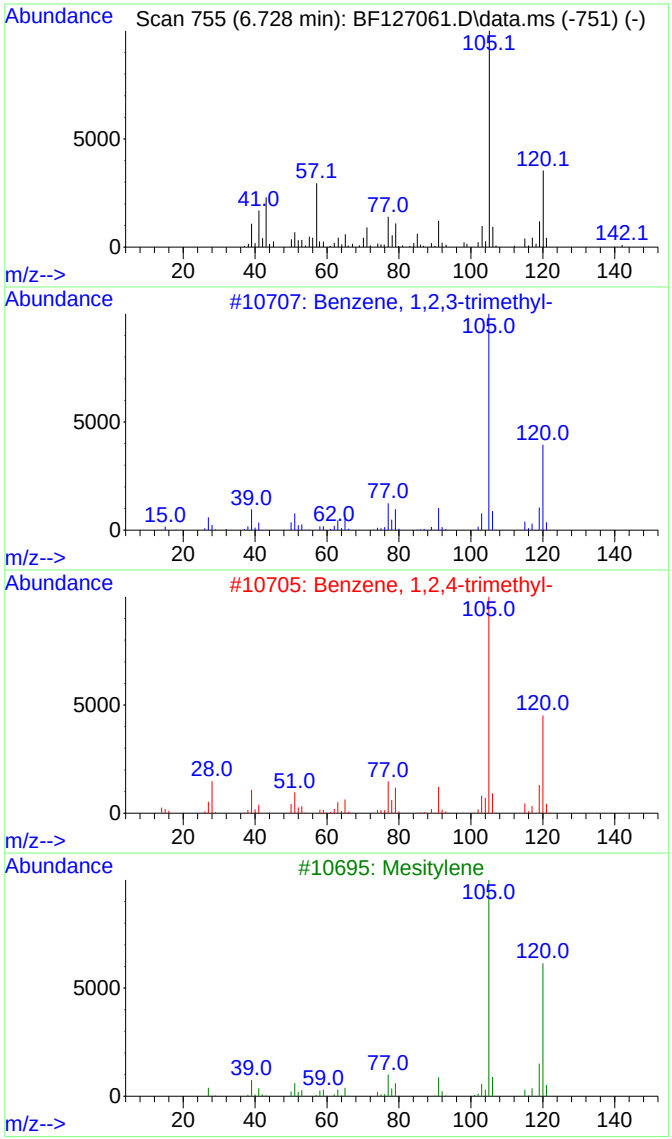
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

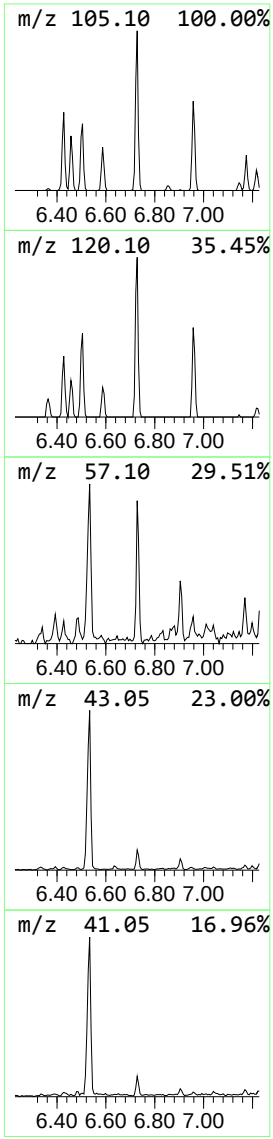
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.728	4.55 ng	107447	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





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Operator : CG\JU
Sample : N1650-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

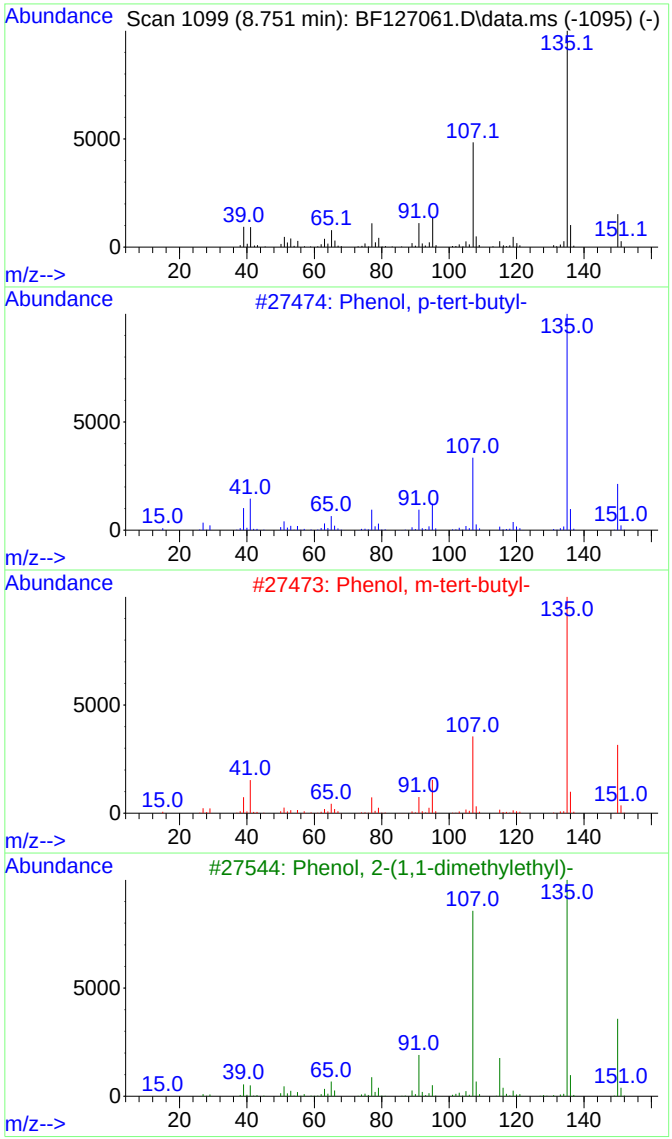
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

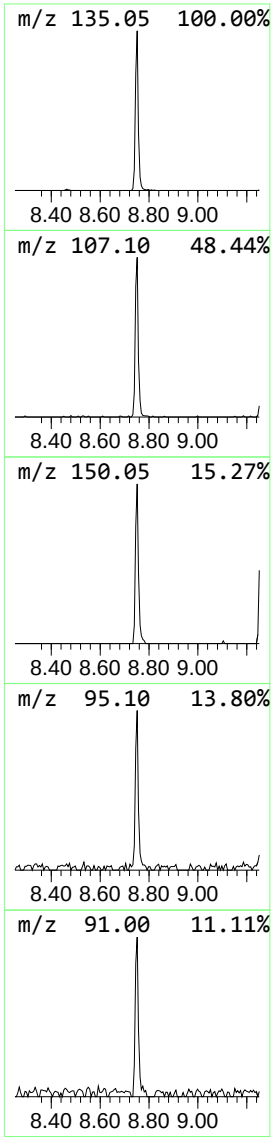
****

Peak Number 2 Phenol, p-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.751	5.75 ng	177133	Naphthalene-d8	8.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	95
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	87
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	72
4	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	64
5	Imidazo[1,2-c]pyrimidin-5-ol	135	C6H5N3O	055662-66-3	58





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Acq On : 24 Feb 2022 17:05
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Sample : N1650-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

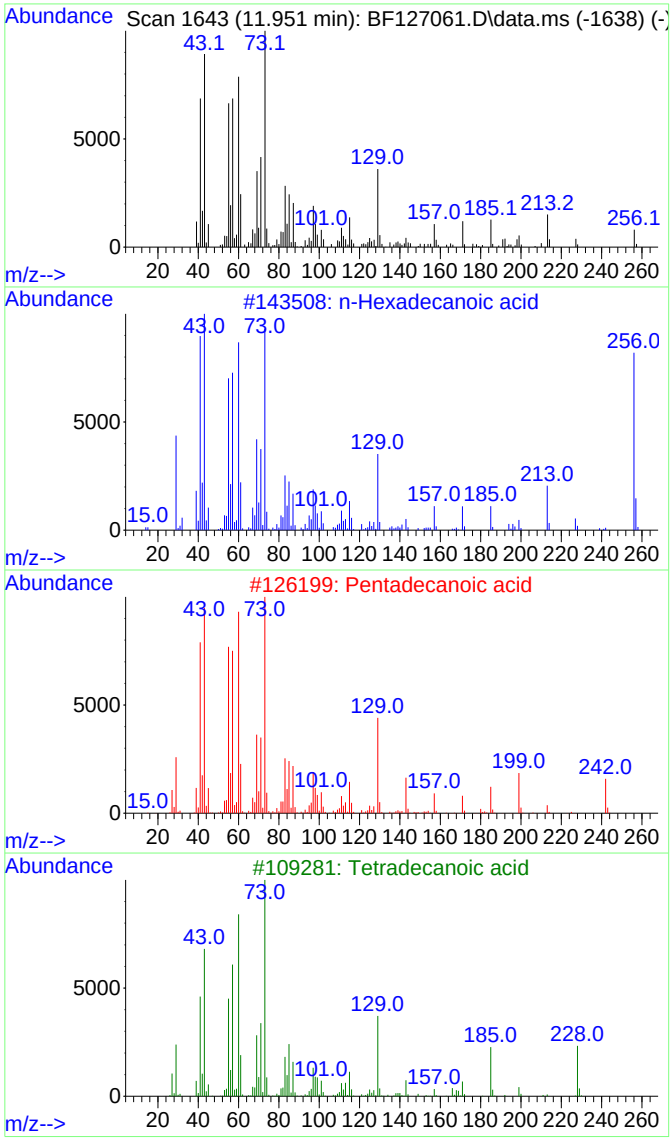
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

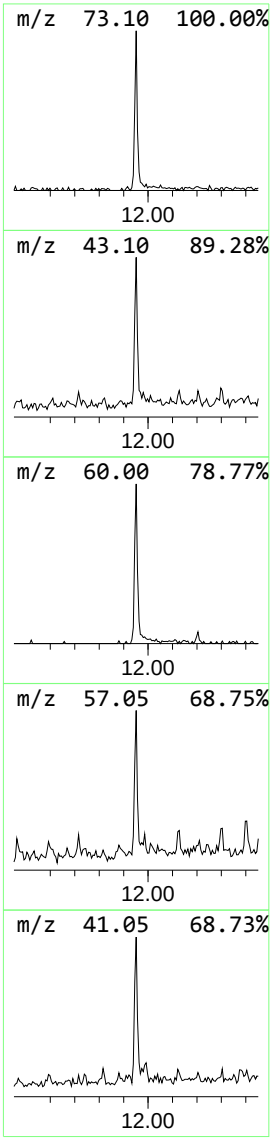
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	7.56 ng	194184	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	78
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022422\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

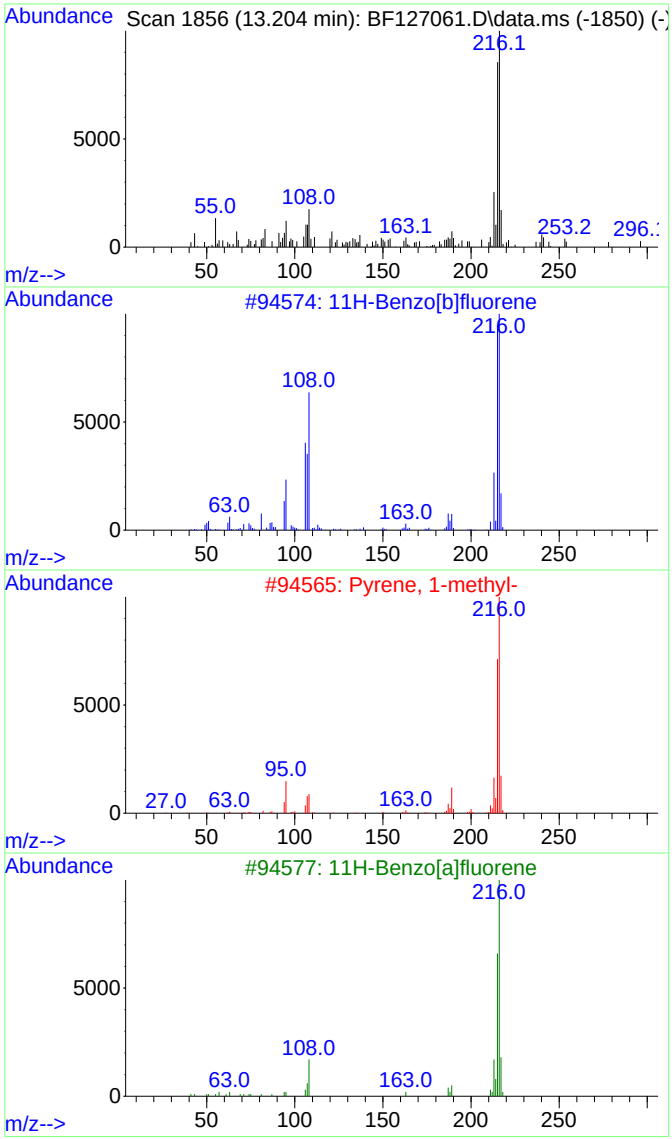
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

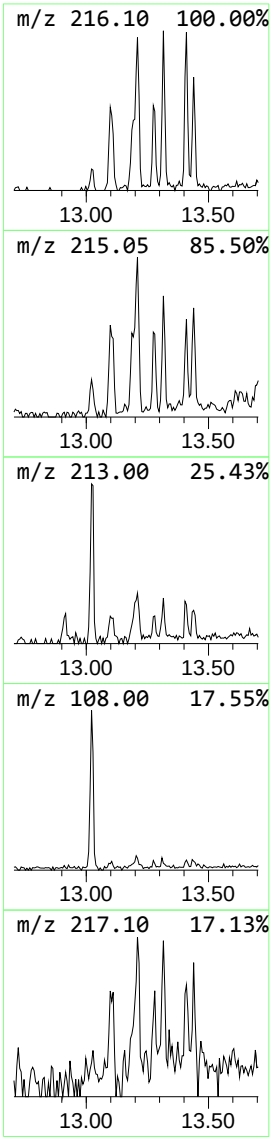
****

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	2.13 ng	52675	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

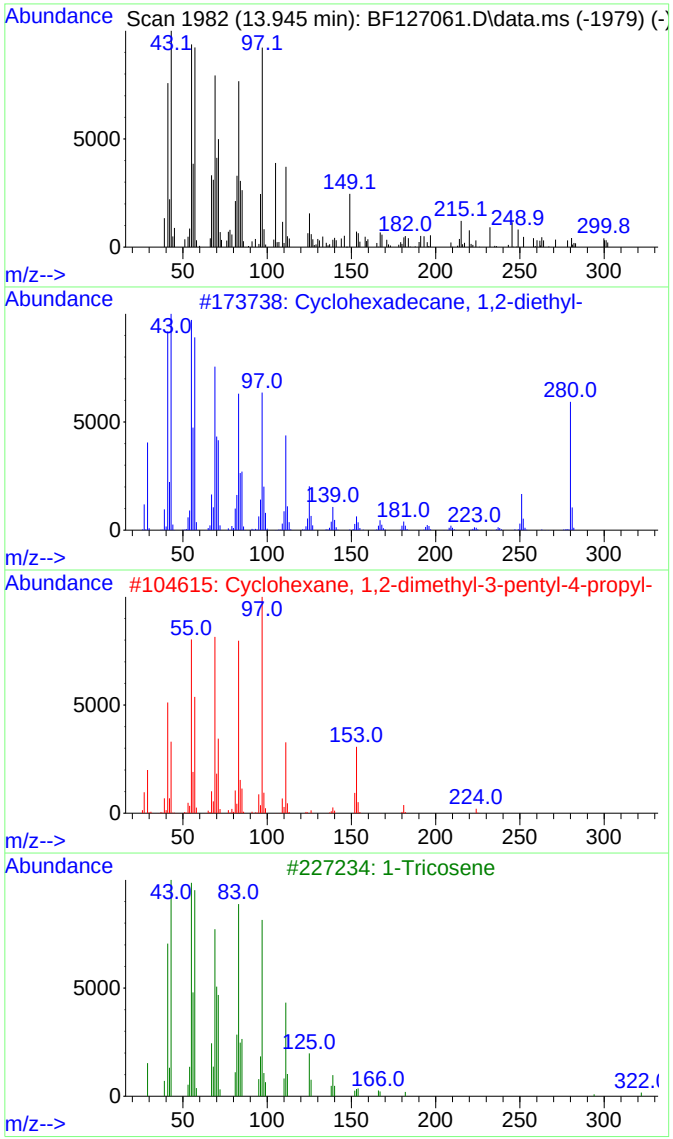
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

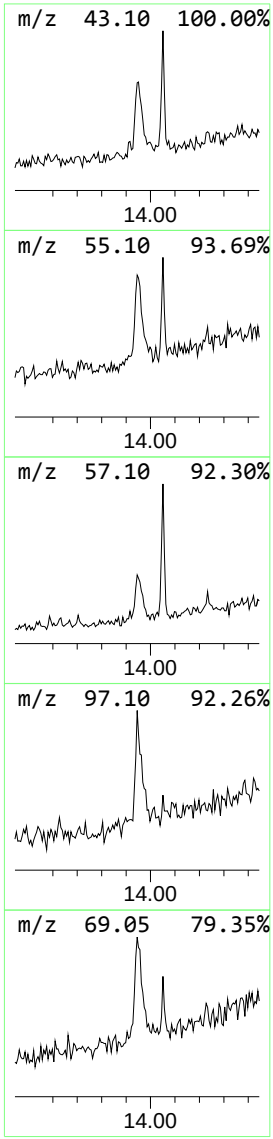
****

Peak Number 5 Cyclohexadecane, 1,2-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	4.68 ng	115776	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	89
2	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	89
3	1-Tricosene	322	C23H46	018835-32-0	87
4	1-Nonadecene	266	C19H38	018435-45-5	83
5	1-Eicosene	280	C20H40	003452-07-1	78





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,2,3-...	6.728	4.5	ng	107447	1	6.904	472693	20.0
Phenol, p-tert-...	8.751	5.8	ng	177133	2	8.187	616380	20.0
n-Hexadecanoic ...	11.951	7.6	ng	194184	4	11.439	513716	20.0
11H-Benzo[b]flu...	13.204	2.1	ng	52675	5	14.086	494466	20.0
Cyclohexadecane...	13.945	4.7	ng	115776	5	14.086	494466	20.0